



December 3, 2015

CLEARSTREAM WATER SYSTEMS INC.
WAYNE PEYTON
PO BOX 7568
BEAUMONT TX 77726

Re: Description: SEWAGE TREATMENT SYSTEMS, AERATED
Manufacturer: CLEARSTREAM WATER SYSTEMS INC.
Product Name: CLEARSTREAM
Model Number(s): 500NC, 500NC2, 600NC, 600NC2, 750NC, 750NC2, 1000NC

NC = concrete tank models

NC2 = concrete tank with integrated trash tank models

500NC-NC2 = MAX. DWF 500 GPD; MAX BOD 1.25 LBS per day; AERATOR 2.4 SCFM

600NC-NC2 = MAX. DWF 600 GPD; MAX BOD 1.5 LBS per day, AERATOR 2.8 SCFM

750NC-NC2 = MAX. DWF 750 GPD; MAX BOD 1.85 LBS per day, AERATOR 3.6 SCFM

1000NC = MAX. DWF 1000 GPD; MAX BOD 2.5 LBS per day, AERATOR 4.8 SCFM

Product File No: 20150267

The specifications and/or plans for this plumbing product have been reviewed and determined to be in compliance with chapters SPS 382 through 384, Wisconsin Administrative Code, and Chapters 145 and 160, Wisconsin Statutes.

The Department hereby issues an approval based on the Wisconsin Statutes and the Wisconsin Administrative Code. **This approval is valid until the end of December 2020.**

This approval supersedes the approval issued on 4/21/2011 under product file numbers 20110068, 20110069, 20110070 and 20110071.

This approval is contingent upon compliance with the following stipulation(s):

- This product may not be installed more than 18 inches below final grade.
- When this product receives wastewater from dwellings, it will produce an effluent quality with a maximum monthly average value for BOD5 of less than or equal to 30 mg/L, TSS of less than or equal to 30 mg/L TSS and F.O.G. of less than 30 mg/L.
- Because many DPS approved products are readily available for sale on the internet and at retail outlets; it is important that buyers in Wisconsin are aware of approval stipulations for DPS-approved products. In the state of Wisconsin, installation of this product/device in a POWTS requires a licensed person pursuant to SPS 305.90 (1)(a) & (b), local or state plan review, and/or the issuance of a state sanitary permit pursuant to SPS 383.21 (1)(b). It is recommended that any written and electronic communications (brochures/advertisements/webpages, etc.) associated with this product/device contain information noting that Wisconsin installations require a licensed person, plan review and/or the issuance of a state sanitary permit.

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| TABLE 1 | |
| INSPECTION, MAINTENANCE AND PUMPING | |
| PRODUCT/ (Models): CLEARSTREAM (500NC, 500 NC2, 600NC, 600NC2, 750NC, 750NC2, 1000NC and 1000NC2) | |
| [DESCRIPTION—STAND ALONE PRE-CAST WITH AERATION UNIT] | |
| Initial/Startup Inspection/ Maintenance: serviced by manufacturer representative | |
| Routine Inspection/Maintenance: see manufacturer's service policy | |
| Ongoing Pumping Cycle And/Or Requirements: PUMP TRASH AND AERATION TANKS EVERY 2-5 YEARS or as per local requirements | |
| Back-Wash Cycle: | N/A |
| Effluent Performance Levels: | CLASS I NSF-40 LISTED; SEE BOD5 loading max. |
| BOD5 Credit For Downsizing Distribution Area: | YES * |
| Fecal Credit For Reduction Of Vertical Separation: | NO |
| Additional Comments: NONE | |
| * Proper function based on domestic wastewater or flows with similar wastewater characteristics. | |
- When this product is installed in a POWTS component, a properly credentialed/licensed person must perform the installation.
- A septic tank (pretreatment tank/trash trap) with a volume of at least 50% of the gallon per day rating shall be installed upstream of the NC products.
- The NC2 units listed in this approval are associated with pre-casted tanks having integrated settling/trash tanks requiring separated State approval. The volume of the integrated settling/trash tank compartment shall be at least 50% of the gallon per day rating of the associated NC2 unit.

The department is in no way endorsing this product or any advertising, and is not responsible for any situation which may result from its use.

Sincerely,

Glen Jones, M.S.
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